

Core Requirements and Testing (part 2)

Alan Goldfine
Computer Scientist

Contents

- VVSG Performance Requirements and Workmanship Requirements
- CRT Issues Paper
- 2 Earlier Research Papers
- Future Work

Performance and Workmanship Requirements

- Began with text from 2002 VSS
- Imported relevant requirements, many updated and reworded (see Analysis Tables)
- Revised the requirements using IEEE P1583

VVSG Requirements (cont.)

- Reviewed by NIST team and by CRT
- Included issues and open questions, **highlighted in green**
- Prepared Issues document

VVSG Requirements (cont.)

- Requirements document and Issues document on distribution CD

An Issue

- **Issue:** Should VVSG explicitly deal with punchcard systems? HAVA does not forbid states from continuing to use punchcard systems, i.e., the states can always do so, in a "non-standard" sense. On the other hand, HAVA does imply that the Federal Government should not support the use of punchcards, which, in turn, implies that VVSG should not include any requirements for them.
- **Question:** Should VVSG contain requirements for punchcard systems?
- **Default Action:** No requirements for punchcard systems.

Research Papers

- “Maintenance of the VVSG”
 - Addresses TGDC resolution 31-05.
- “Sharing Information Regarding Certification of Voting Systems”
 - Addresses TGDC Resolution 32-05.

Future Work

- Continue to develop existing text
 - Address comments
 - Add informative text
 - Integrate with STS and HFP
 - Revise glossary

Future Work (cont.)

- Draft Standards on Data to be Provided
- Develop Logic and Accuracy Testing Procedures
- Draft Testing Standard

Discussion